

COSTS

While field trips to the Building of Atmospheric Sciences at the University of Washington aren't free, there are many event types that are of no cost to you or your students.

Outreach volunteers are able to judge school science fairs, demonstrate scientific investigations at "School Science Nights," or come to your class and give talks about a range of subjects.



WEBSITE FEATURES

The Outreach Website includes the following sections at:

www.atmos.washington.edu/~outreach/

- **Home:** Basic Information
- **Event & Topic Information:** To guide your decisions on what you'd like experts to talk about or demonstrate in your classroom.
- **Contacting Us:** Get in touch
- **Calendar:** Where Outreach will be throughout the calendar year.
- **YouTube Videos**
- **Gallery of Photos**
- **Links**
- **Topics Include:**
 - General Weather
 - Storms & Severe Weather
 - Weather & Climate
 - Pacific Northwest Weather
 - Careers in Atmospheric Science

All images were taken from the Outreach website without permission for educational purposes.

Outreach Program

University of Washington
Department of Atmospheric Sciences

A Teacher's Guide

A way to connect your students with experts in the fields of science.

*Sharing Knowledge,
Guiding Exploration,
Fostering a Genuine Enjoyment of the
Sciences.*

Created by:
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Why Outreach?

If not us, who? If not now, when?

When we take our students to the zoo, we expect a zoo keeper to talk about the animals. Similarly, guest athletes or politicians are invited to Q&A sessions at schools to talk about the work they do and how they got to do those jobs. Why not invite a scientist into your classroom to explain why we have so much rain in Seattle?

Graduate students in the atmospheric sciences are eager to explore their role in society; this is a quality that they share with students. Inviting Outreach into your classroom or going on a field trip with some of their volunteers are wonderful ways to connect curiosity with content knowledge. Outreach is free, so the opportunities it affords are simple to set up and provide meaningful and unique scientific connections.

What Outreach Offers Teachers

You're a teacher, and gosh darnit, you're a busy person. It isn't realistic to assume that all teachers are experts in the myriad subject matter that they teach their students – and it would be equally unrealistic to expect otherwise. However, a teacher *can* and should find ways for students to connect with experts so to expand their knowledge and to have opportunities to ask *all* of their questions.

The wonderful thing about the atmospheric sciences is that they surround us all – so take the opportunity to have them explored and explained in a classroom setting. You'll learn something, too!



HOW TO CONTACT

Contacting Outreach at the Department of Atmospheric Sciences is simple, and can be accomplished in two ways:

The quickest way is to fill out an **e-form** on the "Contact Us" page of their website. You will need to know the type of event you would like, the topic, a date, and the number and age of students who will be present.

If you do not have access to the Internet, you may instead contact them through regular mail or by phone:

**408 Atmospheric Sciences -
Geophysics (ATG) Building
Box 351640, Seattle, Washington
98195-1640**

Phone : (206)543-4250

Fax (206) 543-0308

Contacting Outreach is the first step to giving your students more opportunities to explore and succeed in the sciences.